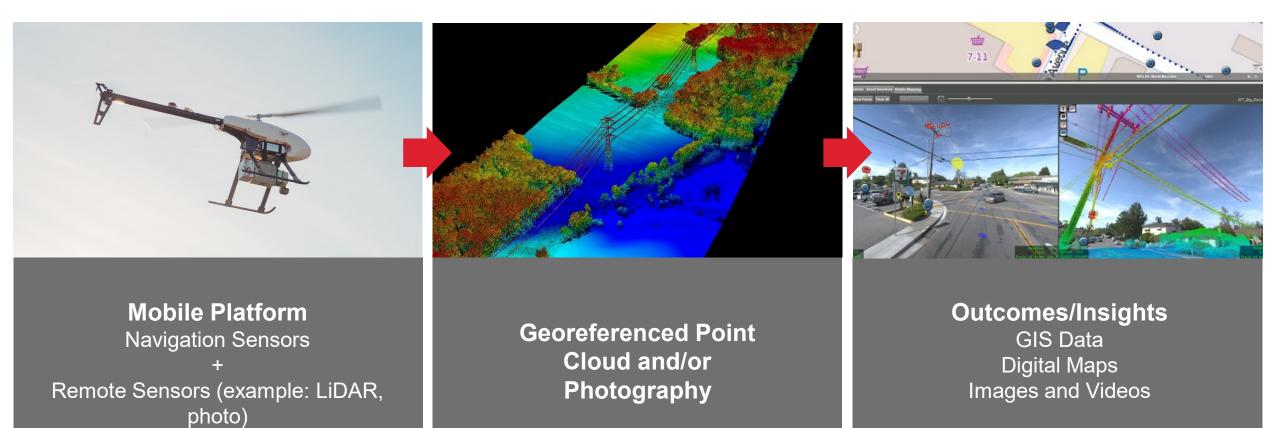
# HOW INERTIAL NAVIGATION AND POST-PROCESSING MAKE SURVEYING MORE PROFITABLE

#### WHAT IS MOBILE MAPPING?



Inertial sensing and navigation are critical components of mobile mapping systems

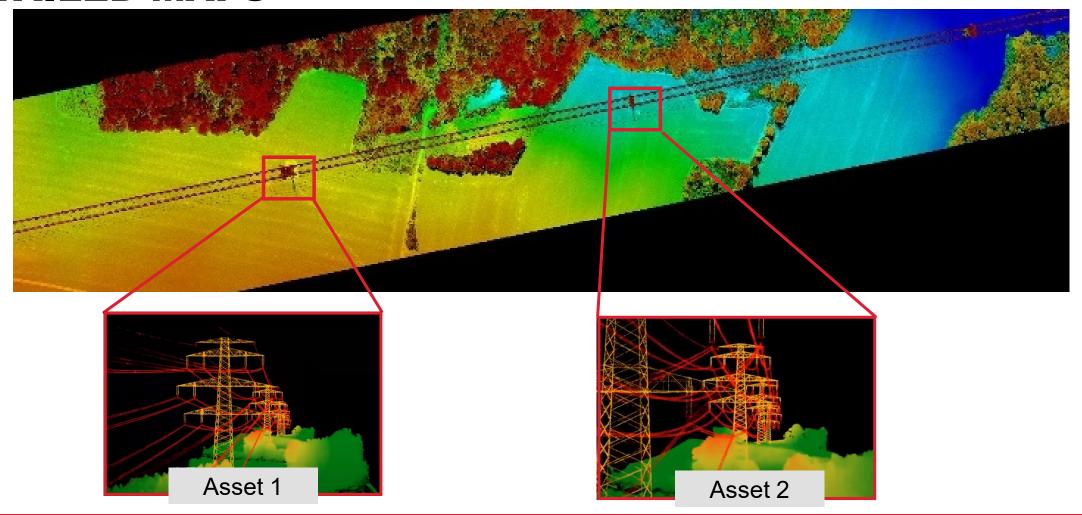
#### MANY MOBILE MAPPING USES CASES



# CHALLENGES SOLVED

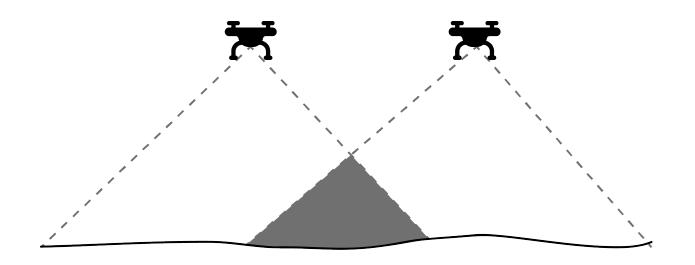


# ACCURATE INERTIAL NAVIGATION LEADS TO MORE DETAILED MAPS



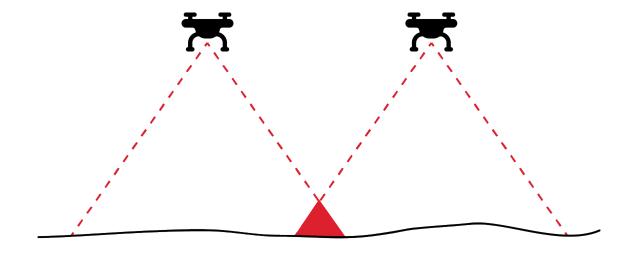
Honeywell inertial navigation helps collect accurate data from farther away

#### **ELIMINATE REDUNDANT COLLECTION OF DATA**



#### Other solutions

- Inaccurate data
- More sidelap

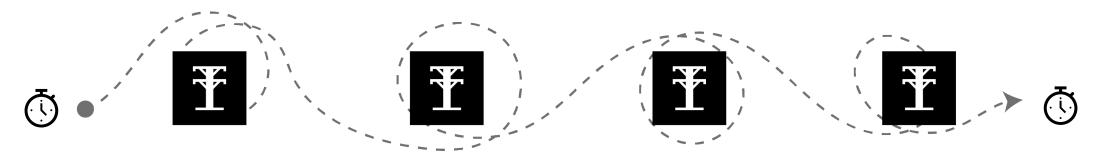


- Quick and accurate data collection
- Reduced sidelap

#### **FASTER DATA COLLECTION**

Other solutions

Lower quality inertial navigator: requires maneuvers to reduce built-up errors



#### Honeywell

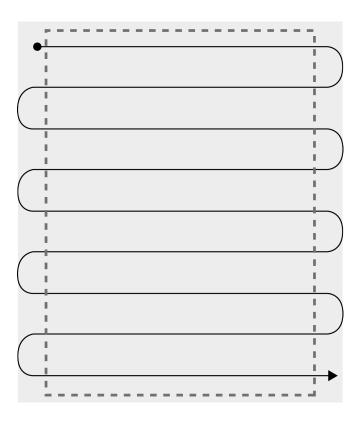
Higher quality inertial navigator: fast and accurate data collected



#### **MAXIMIZE USE OF DATA COLLECTED**

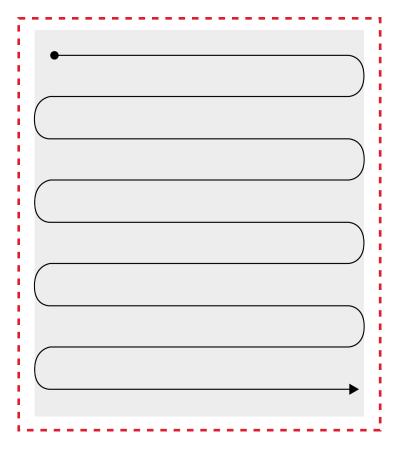
**Other solutions** 

Edges of field can't be used in analysis



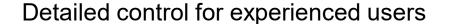
#### Honeywell

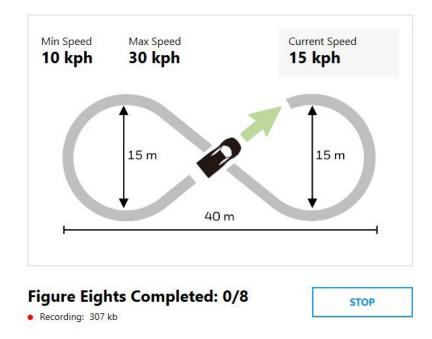
Use 100% of data collected with high accuracy

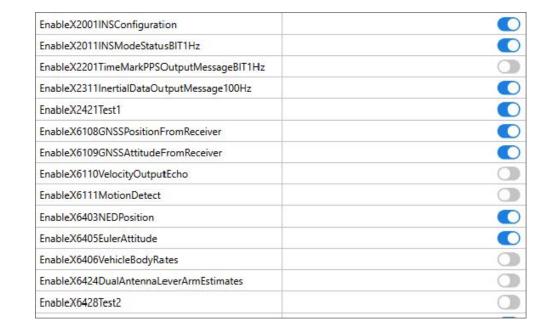


# SIGNIFICANT TRAINING REQUIRED TO EFFECTIVELY USE THE SYSTEMS

Easy, efficient and less training for novice users







Honeywell software including post-processing designed for optimal user experience

#### **CLOSING**

 Integrated solution for mobile mapping: Flexible to fit into many workflows

 Honeywell inertial navigation and post processing = accurate and precise data sets

efficiency, lower costs, and opportunity to scale up mapping operations

Visit <u>www.hguide.com</u> for more information



### THANK YOU!

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## OPEN Q&A